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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/806,861 | 03/22/2004 | Weiming Lu | CACIP.00004 | 2472 |
| 22858 | 7590 | 09/09/2005 | EXAMINER | |
| CARSTENS YEE & CAHOON, LLP P O BOX 802334 DALLAS, TX 75380 | | | CHIN, RANDALL E | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 1744 | |

DATE MAILED: 09/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/806,861

Applicant(s)

LU, WEIMING

Examiner

Randall Chin

Art Unit

1744

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☒ Claim(s) 1-4 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 04262004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Drawings

1. The drawings are objected to because it appears the lead line for reference numeral 7 in **Fig. 2** designating the tee-joint is incorrectly drawn to the element.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

2. 35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification is replete with terms which are not

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clear, concise and grammatically incorrect. Proper idiomatic English should be used.

The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph.

All such objections are too numerous to mention specifically. Applicant's cooperation is respectfully requested in reviewing and clarifying the entire specification, claims and drawings for compliance.

Examples of some unclear, inexact or verbose terms used in the specification are:

On p. 1, lines 4-5, the recitation "which have cylinder body and may roll" is awkwardly written.

On p. 1, lines 8-16, the entire paragraph is a run-on sentence, verbose and confusing.

On p. 2, line 5, "the clipping force is strong enough" is awkwardly written.

On p. 2, again, lines 6-18 set forth a run-on paragraph which is verbose and confusing.

On p. 4, line 2, "for holding paint roller" is awkwardly written.

On p. 5, line 7, "(not be shown)" is an awkward phrase.

On p. 5, lines 20-21, "which has male screw" is grammatically improper.

On p. 6, line 6, "operator may fit tightly" is awkwardly written.

3. The disclosure is objected to because of the following informalities:

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Applicant should ensure that consistent terminology is used throughout the specification for a clear and concise understanding of the invention. For example, on p. 5, consistent terminology should be used with respect to "a pair of square arms 2 and 4" (lines 3, 4 and 22-23 and p. 6, line 9), "pair of joint parts 2 and 4" (lines 9 and 24), and "square tube 2 and 4" (line 13). Also, there are numerous recitations of the phrase "joint part" throughout and consistent terms should also be used here (e.g., p. 5, lines 5, 8 and 22).

On p. 5, "pair of racks 8" is set forth (lines 7, 10, 11 and 17). However, on p. 6, lines 4-5, "racks 8 and 12" is recited. Clarification is requested.

Appropriate correction is required.

Claim Objections

4. Claims 1-4 are objected to because of the following informalities:

The claims are replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. Appropriate correction is required. Only a few examples will be given. Applicant's cooperation is respectfully requested in reviewing and clarifying the entire specification, claims and drawings for compliance.

Claim 1, line 1, after "holding", insert --a--.

Claim 1, line 2, "which have uniform bending shape" is awkwardly written.

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Claim 1 recites "a pair of square arms" (line 2) as well as "joint part" (lines 3, 4, 7, etc.). The specification recites these terms also with the same reference numerals 2 and 4. Again, consistent terminology is requested for clarity. In other words, if the "joint parts" are a different element, they have not been labeled with any distinct reference numeral.

Claim 1, line 6, "hole(s)" should just read --holes--.

Claim 1, line 7, delete "and".

Claim 1, line 8, "wherein the square tube holds to" is awkwardly written. The same objection holds for line 12.

Claim 1, line 14, "a bar" should be positively recited.

Claim 3, line 3, "which has male screw" is awkwardly written.

Claim 4, lines 1-3, "which has female screw" is awkwardly written.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The patents to Lynden, Evensen, and Nolte are relevant to various paint roller handle and/or frame designs.

6. Any inquiry concerning this communication or earlier communication from the Examiner should be directed to Randall Chin whose telephone number is (571) 272-1270. The Examiner can normally be reached on Monday through Thursday and every other Friday.

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If attempts to reach the Examiner are unsuccessful, the Examiner's supervisor, John Kim, can be reached at (571) 272-1142. The number for Technology Center 1700 is (571) 272-1700.

The central fax number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



R. Chin



Randall Chin
Primary Examiner
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